

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
 Data File : BM035437.D
 Acq On : 08 Jun 2022 19:38
 Operator : CG/JU
 Sample : N3209-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-14B-4

Quant Time: Jun 09 00:51:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

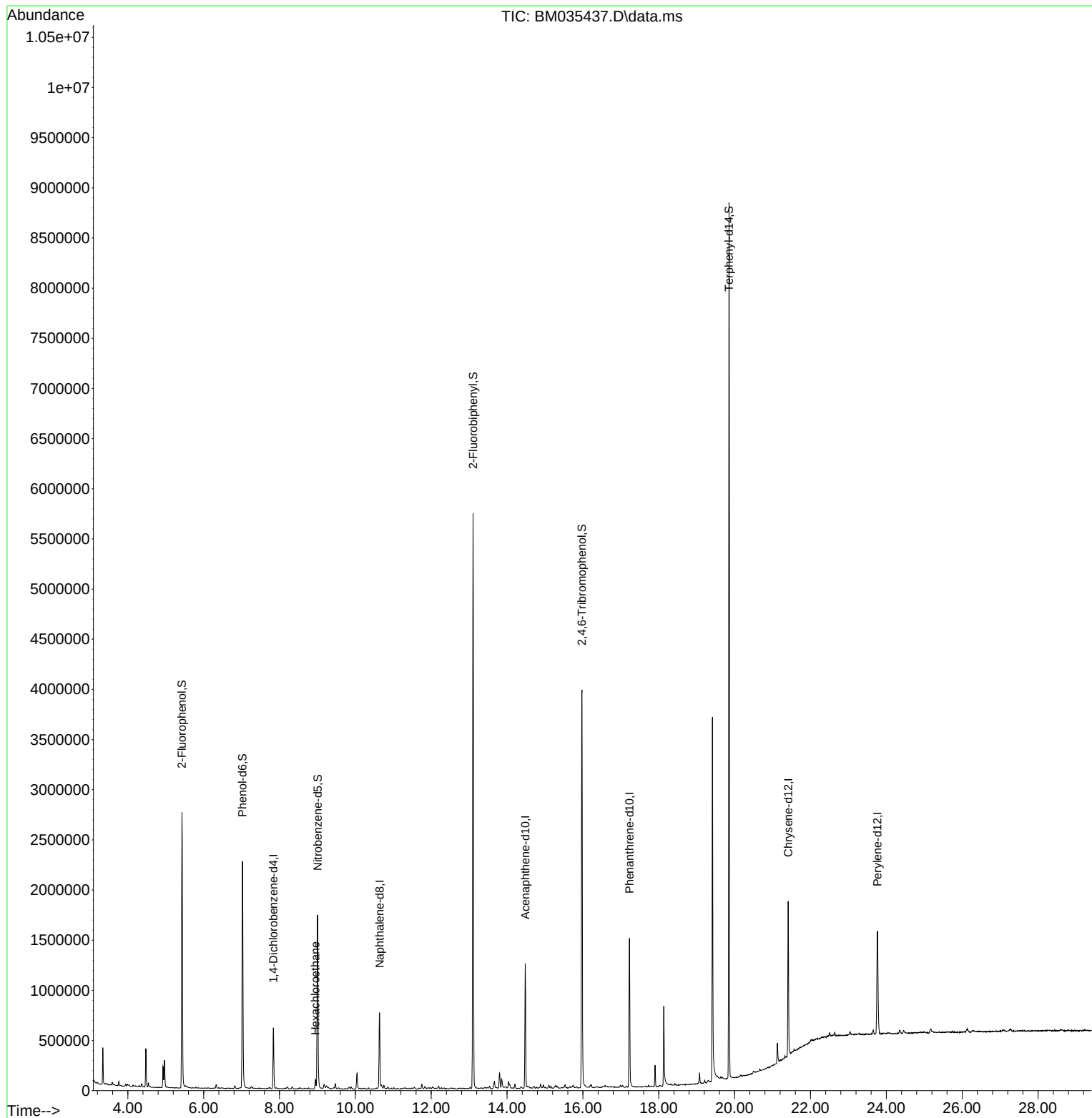
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	187003	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	693925	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	459583	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	993965	20.000	ng	0.00
76) Chrysene-d12	21.415	240	845777	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	883670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1318166	148.120	ng	0.00
7) Phenol-d6	7.022	99	1511138	124.311	ng	0.00
23) Nitrobenzene-d5	9.004	82	1039396	95.108	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1004962	136.287	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3126273	97.701	ng	0.00
79) Terphenyl-d14	19.851	244	4801725	113.107	ng	0.00
Target Compounds						
9) Benzaldehyde	6.934	77	165	Below Cal	#	43
18) Hexachloroethane	8.945	117	12670	2.901 ng	#	1

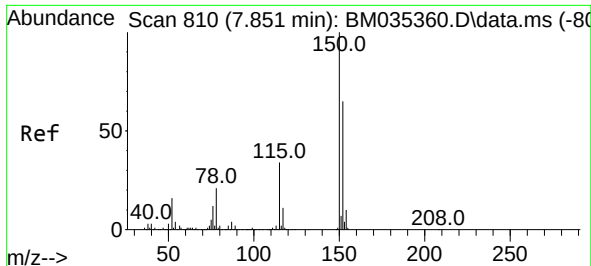
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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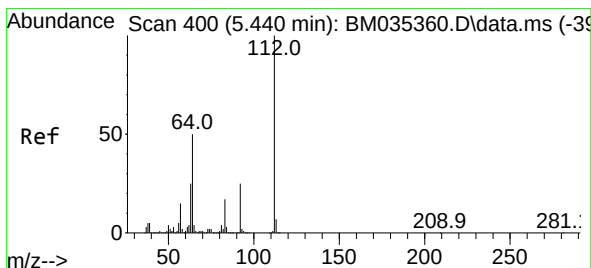
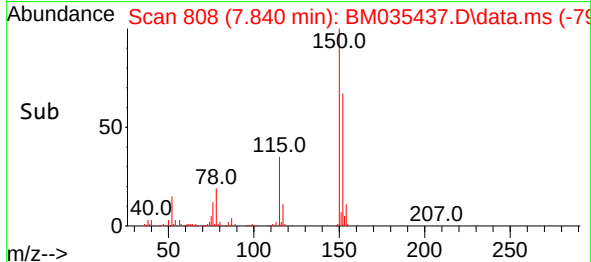
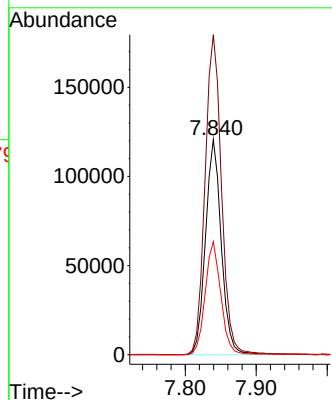
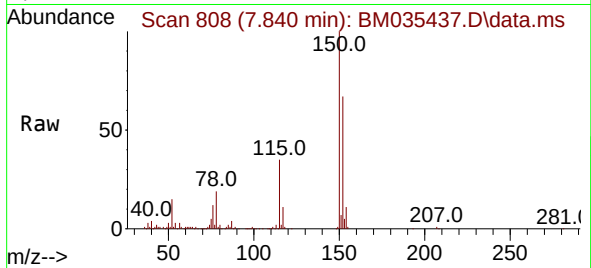




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

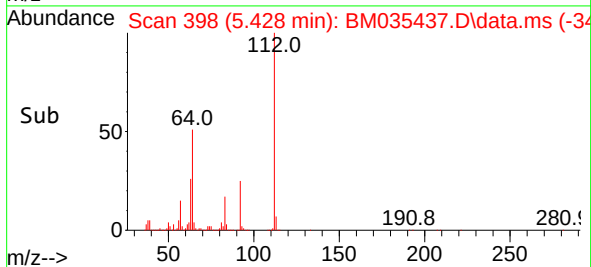
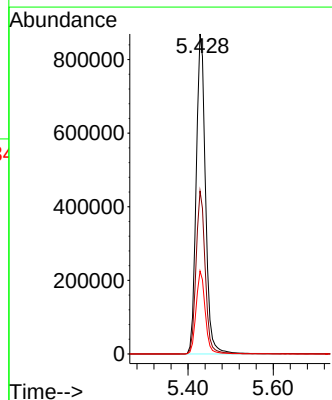
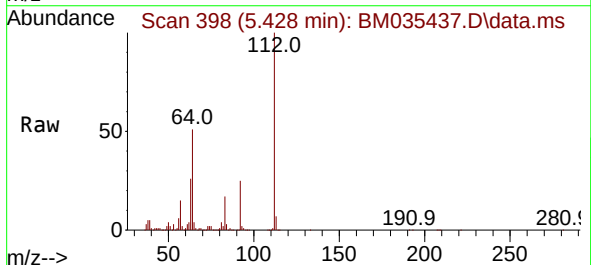
Instrument :
BNA_M
ClientSampleId :
WC-14B-4

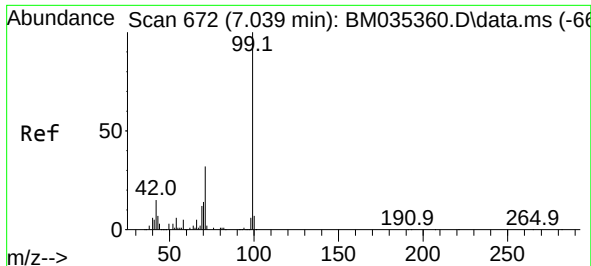
Tgt Ion:152 Resp: 187003
Ion Ratio Lower Upper
152 100
150 148.7 124.9 187.3
115 52.5 47.9 71.9



#5
2-Fluorophenol
Concen: 148.120 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

Tgt Ion:112 Resp: 1318166
Ion Ratio Lower Upper
112 100
64 50.9 47.8 71.6
63 25.9 26.6 40.0#

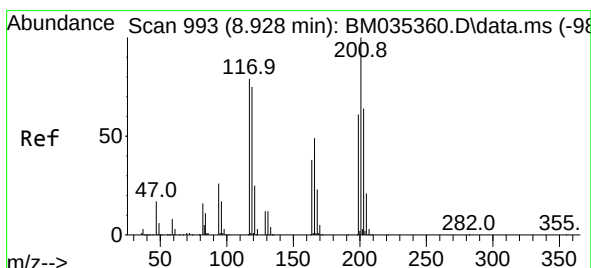
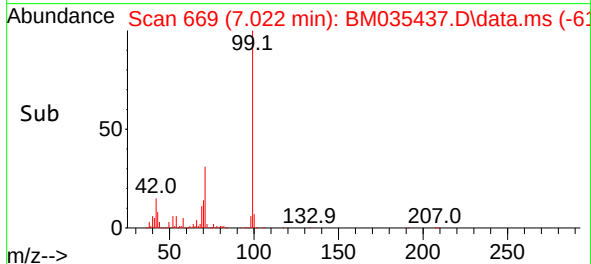
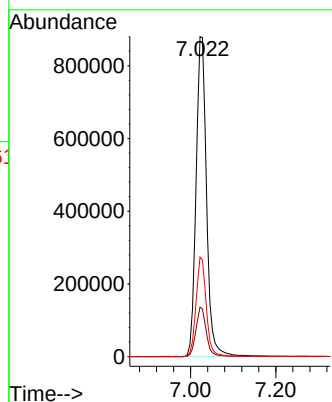
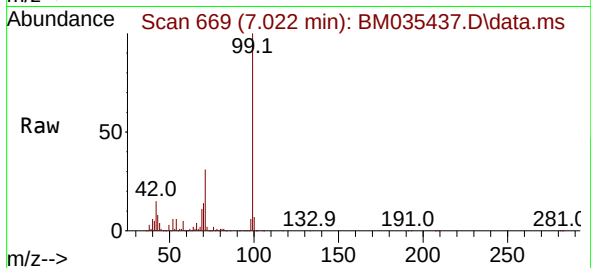




#7
Phenol-d6
Concen: 124.311 ng
RT: 7.022 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

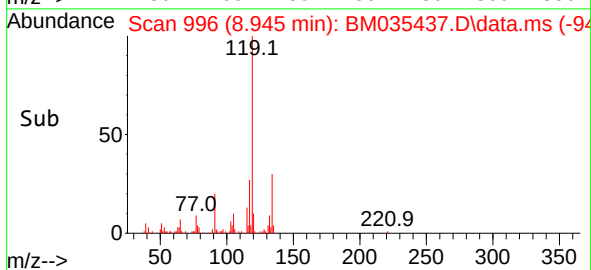
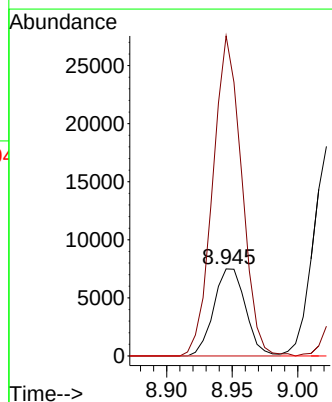
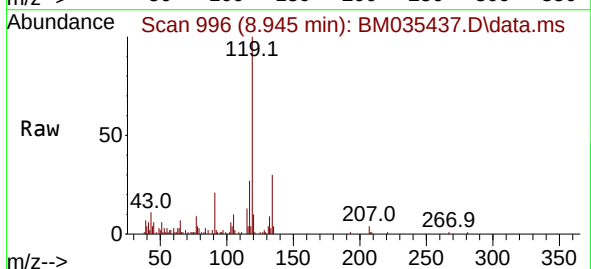
Instrument :
BNA_M
ClientSampleId :
WC-14B-4

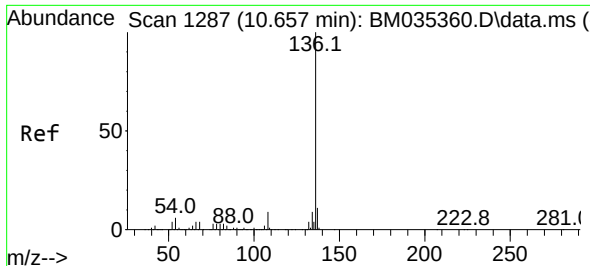
Tgt Ion: 99 Resp: 1511138
Ion Ratio Lower Upper
99 100
42 15.5 18.8 28.2#
71 31.2 30.2 45.2



#18
Hexachloroethane
Concen: 2.901 ng
RT: 8.945 min Scan# 996
Delta R.T. 0.029 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

Tgt Ion: 117 Resp: 12670
Ion Ratio Lower Upper
117 100
119 367.7 75.8 113.6#
201 0.0 81.0 121.4#

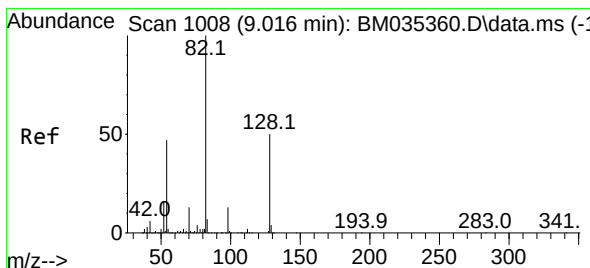
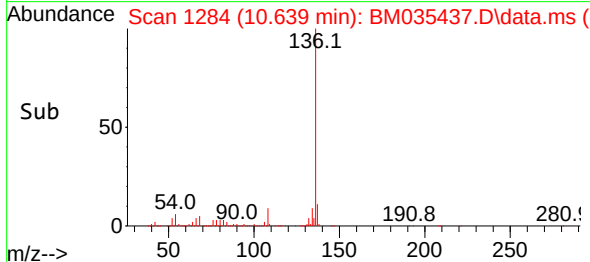
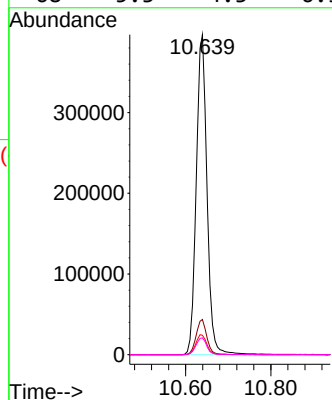
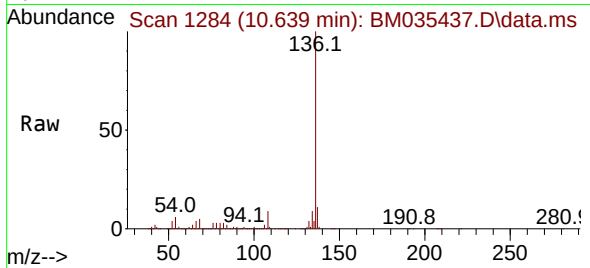




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

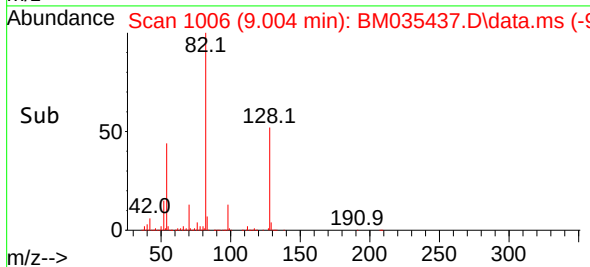
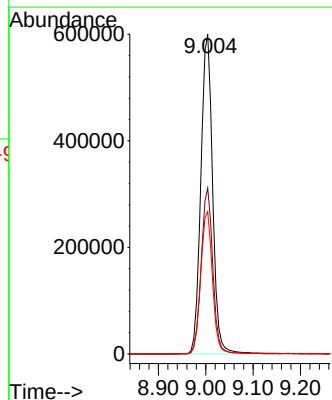
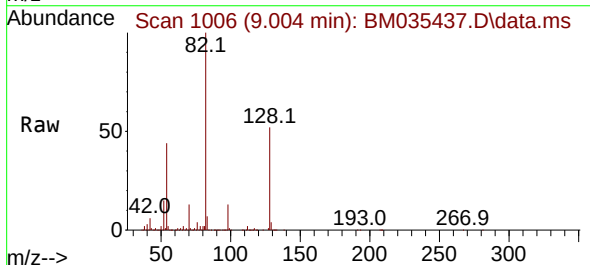
Instrument :
BNA_M
ClientSampleId :
WC-14B-4

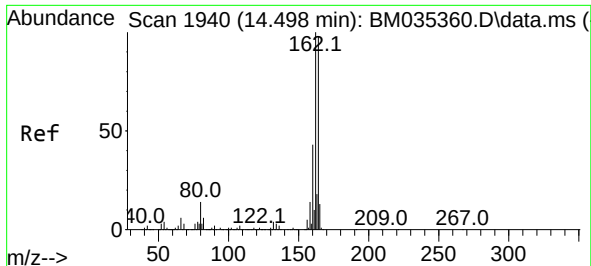
Tgt Ion:136 Resp: 693925
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.1 7.0 10.4#
68 5.3 4.3 6.5



#23
Nitrobenzene-d5
Concen: 95.108 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

Tgt Ion: 82 Resp: 1039396
Ion Ratio Lower Upper
82 100
128 51.8 33.7 50.5#
54 44.4 43.2 64.8

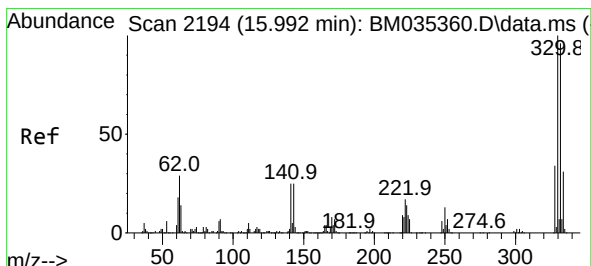
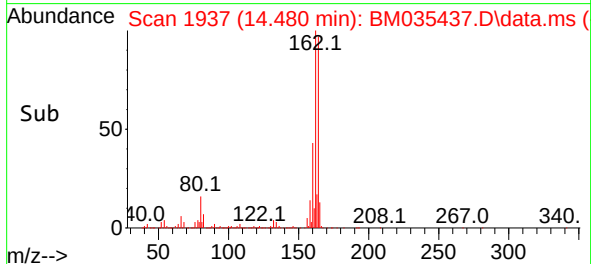
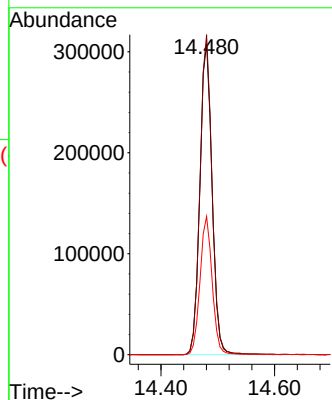
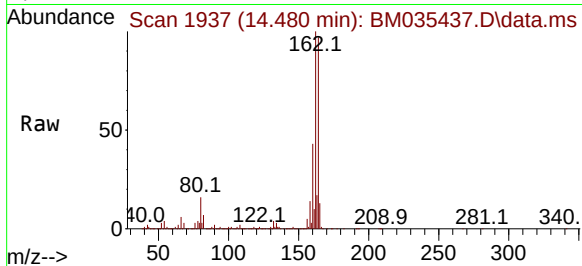




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

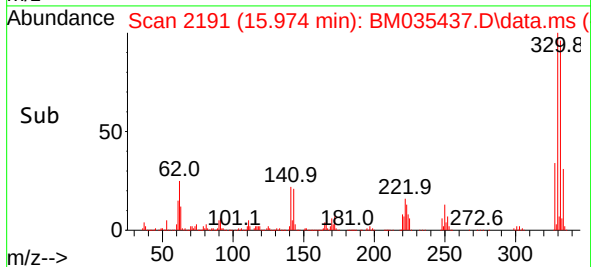
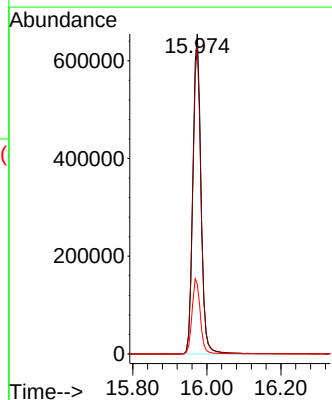
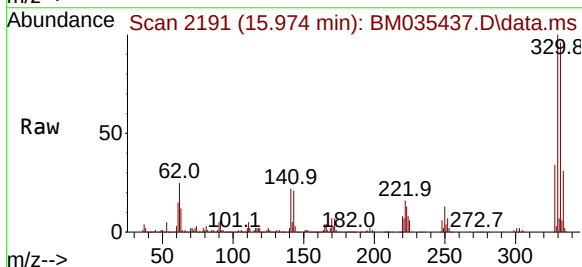
Instrument :
BNA_M
ClientSampleId :
WC-14B-4

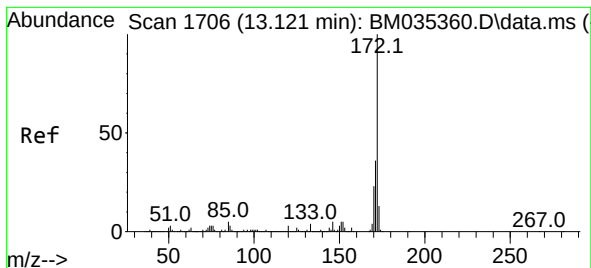
Tgt Ion:164 Resp: 459583
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.6
160 44.5 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 136.287 ng
RT: 15.974 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

Tgt Ion:330 Resp: 1004962
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 23.9 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 97.701 ng

RT: 13.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035437.D

Acq: 08 Jun 2022 19:38

Instrument :

BNA_M

ClientSampleId :

WC-14B-4

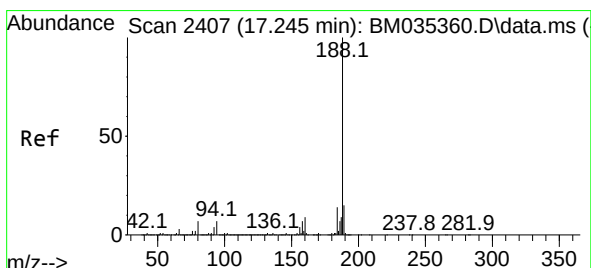
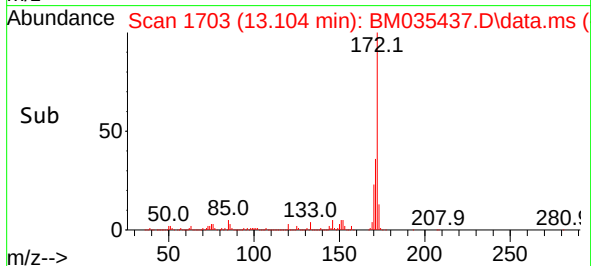
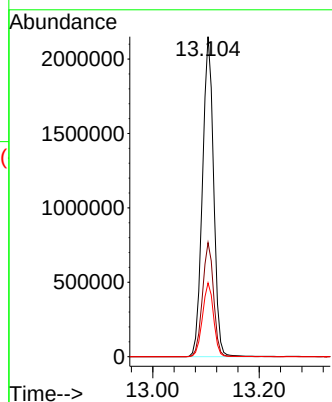
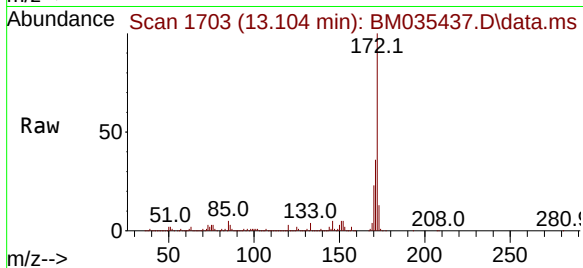
Tgt Ion:172 Resp: 3126273

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.1 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BM035437.D

Acq: 08 Jun 2022 19:38

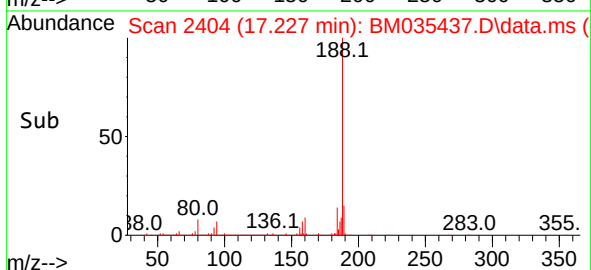
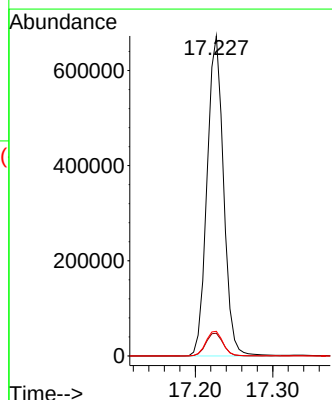
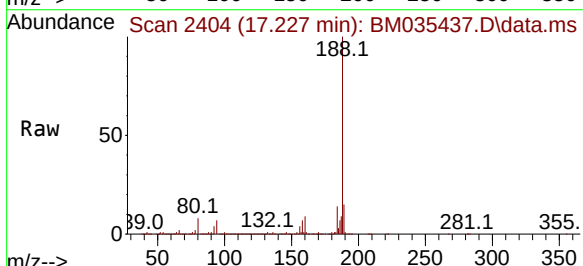
Tgt Ion:188 Resp: 993965

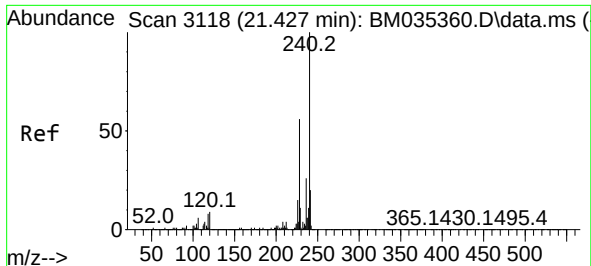
Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.4

80 7.7 7.6 11.4

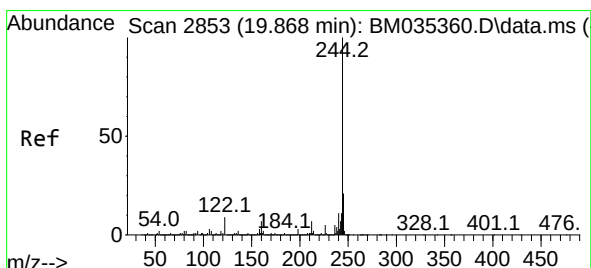
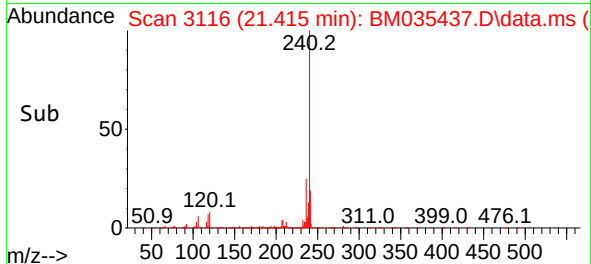
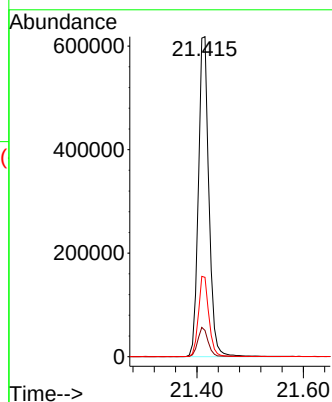
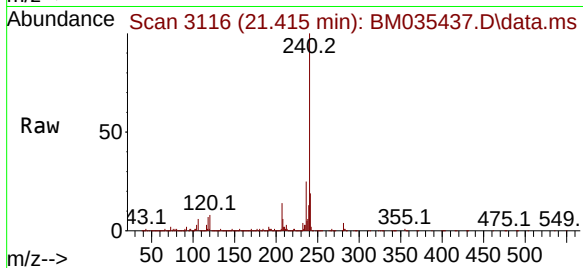




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

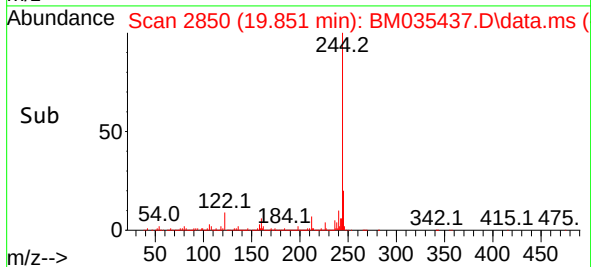
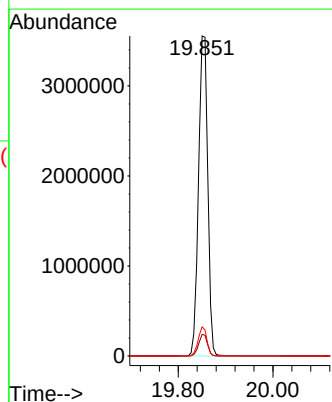
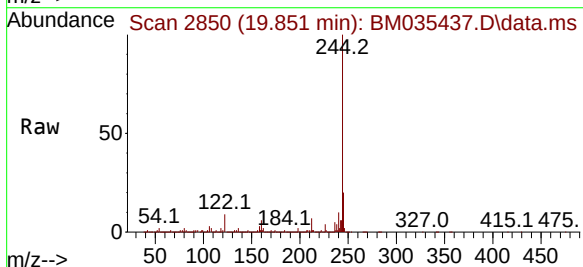
Instrument :
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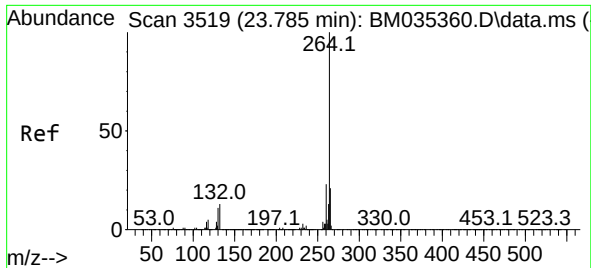
Tgt Ion:240 Resp: 845777
Ion Ratio Lower Upper
240 100
120 8.2 9.4 14.0#
236 24.8 20.6 30.8



#79
Terphenyl-d14
Concen: 113.107 ng
RT: 19.851 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

Tgt Ion:244 Resp: 4801725
Ion Ratio Lower Upper
244 100
212 6.7 6.2 9.4
122 9.1 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035437.D
Acq: 08 Jun 2022 19:38

Instrument :
BNA_M
ClientSampleId :
WC-14B-4

Tgt Ion:264 Resp: 883670

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	21.7	17.5	26.3

